## REFERENCES


- Adhirajan, N., Ravi Kumar, T., Shanmugasundaram, N., Babu, Mary., (2003) In vivo and in vitro evaluation of hair growth potential of *Hibiscus rosa-sinensis* Linn. *Journal of Ethnopharmacology* 88 , 235–239
- Ajay Kumar Meena, Ajay Yadav, M M Rao., (2011) Ayurvedic uses and Pharmacological activities of Calotropis procera Linn. / Asian Journal of Traditional Medicines, 6 (2), 45-53.
- Arck PC, Handjiski B, Hagen E, Joachim R, Klapp BF, Paus R (2001): Indications for a "brain-hair follicle axis (BHA)": inhibition of keratinocyte proliferation and up-regulation of keratinocyte apoptosis in telogen hair follicles by stress and substance *Journal of European Molecular Biology Organization*, 5:2536–2538.
- Budd D, Himmelberger D, Rhods T, Cash TE, Girman CJ.(2000): The effects of hair loss in European men. Eur J Dermat10: 122.
- Chaturvedi M, Mali PC, Ansari AS. 2003. Induction of reversible antifertility with a crude ethanol extract of Citrullus colocynthis Schrad. fruit in male rats. *Ind J Pharmacology* 68:1;38-48.
- Chunekar KC, Hota NP. 2003. Plants of Bhavprakash. National Academy of Ayurveda New Delhi 1; 116.
- Eva Milena J. Peters,* Bori Handjisk.i.,(2004) Neurogenic Inflammation in Stress-Induced Termination of Murine Hair Growth Is Promoted by Nerve Growth FactorAmerican Journal of Pathology, Vol. 165, No. 1,259-271.
- Inaoka, Y., Shakuya, A., Fukazawa, H., Ishida, H., Nukaya, H., Tsuji, K., Kuroda, H., Okada, M., Fukushima, M., Kosuge, T., 1994. Studies on active substances in herbs used for hair treatment. I. Effects of herb extracts on hair growth and isolation of an active substances from Poluporus umbellatus F. Chemical & Pharmaceutical Bulletin 42, 530–533.
- Jain, Ritu., Jain, Neetesh K., Singh, Namrata., Gnanachandran, A. K., Gokulan, P.D., (2011) Development and evaluation of polyherbal ointment for hair growth activity. *International Journal of Pharmacy and Pharmaceutical Sciences*, Vol 3, Suppl 2,

- Jindo, T., Tsuboi, R., Imai, R., 1994. Hepatocyte growth factor/scatter factor stimulates hair growth of mouse vibrissae follicles in organ culture. Journal of Investigative Dermatology 103, 306–309.
- Kabyashi, N., Suzuki, R., Suzuki, T.,1993: Effects of leaves of Ginkgo biloba on hair regrowth in C3H strain mice. Yakugaku Zasshi, , 113, p.718–724.
- Kalpesh Gaur, M.L. Kori and R.K. Nema.(2009):Comparative Screening of Immunomodulatory Activity of Hydro-alcoholic Extract of Hibiscus rosa sinensis Linn. and Ethanolic Extract of Cleome gynandra Linn *Global J. Pharmacol*., 3 (2): 85-89,
- Kwon, O.S., Han, J.H., Yoo, H.G., Chung, J.H., Cho, K.H., Eun, H.C., Kim, K.H., (2007) Human hair growth enhancement in vitro by green tea epigallocatechin-3-gallate (EGCG). *Phytomedicine* 14 ,551–555
- Libecco JF, Bergfeld WF. (2004):Finasteride in the treatment of alopecia. Expert Opin Pharmacother. 5(4): 933-40.
- Mahalaxmi Mohan, Amol Shinde, Bhagyashree Khade. (2011) Effect of Anthocyanidin Fraction of Hibiscus Rosa-Sinensis on Blood Pressure in Deoxycorticosterone Acetate (DOCA)-Salt-Hypertensive RatsPharmacologyonline 3: 1097-1111.
- Milena, E., Peters, J., Handjiski, B., (2004):Nurogenic Inflammation in Stress Induced Termination of Murine Hair Growth is Promoted by Nerve Growth Factor, *American Journal of Pathology*, , Vol.165, No.1, p.259-271.
- O.S. Kwon, J.H. Han, H.G. Yoo, J.H. Chung, K.H. Cho, H.C. Eun, K.H. Kim, (2007) :Human hair growth enhancement in vitro by green tea epigallocatechin-3-gallate (EGCG), *Phytomedicine* 14 ,551–555
- Olsen EA. 1993. Androgenetic alopecia. In: E.A. Olsen (Ed.), Disorders of hair growth: Diagnosis and treatment. New York: MacGraw Hill Inc.
- Pandit, Shweta., Chauhan, Nagendra Singh., Dixit,V.K., (2008): Effect of Cuscuta reflexa Roxb on androgen-induced alopecia. *Journal of Cosmetic Dermatology*, 7, 199–204
- Peter, E.M.J., Arck, P.C., Paus, R.,( 2006):Hair Growth Inhibition by psycho emotional stress: a mouse model for neural mechanisms in hair growth control, *Experimental Dermatology*, Vol.15, p.1-13.
- Philpot, M.P., Green, M.R., Kealey, T., 1992. Rat hair follicle growth in vitro. British Journal of Dermatology 127, 600–607.

- R.K. Roy, Mayank Thakur and V.K. Dixit,( 2007): Effect of Citrullus colocynthis. on Hair Growth in Albino Rats, *Pharmaceutical Biology*, Vol. 45, No. 10 , Pages 739-744.
- Ram Kumar Roy, Mayank Thakur, & V K Dixit,(2007): Development and evaluation of polyherbal formulation for hair growth–promoting activity, *Journal of Cosmetic Dermatology*, 6, 108–112
- Ranganathan, S. and Shobana, S., (2008):Evaluation of a herbal hair oil in reducing hair fall in human volunteers, Indian Drugs, 45[6], 451-455.
- Roy RK, Thakur M, Dixit VK.(2006):Effect of Cuscuta reflexa on hair growth activity of albino rats. Indian Drugs. 43 (12):951.
- Roy, R.K., Thakur, M., Dixit, V.K., (2006):Effect of Cuscuta reflexa Roxb. on hair growth in albino rats, *Indian Drugs*, 43 (12), p.951–6.
- Rushton, D. H., Norris, M. J., Dover, R. and Nina, B., (2002):Causes of hair loss and the developments of hair rejuvenation, Int J. Cosmet Sci., 24, 17-23.
- S. S. Roh, C. D. Kim, M. H. Lee, S. L. Hwang, M. J. Rang, & Y. K. Yoon, (2002):The hair grow promoting effect of Sophora flavescens extract and it's molecular regulation, J. Dermatol. Sci, 30, pp43-49.
- Saraf S, Pathak AK, Dixit VK. (1991):Hair growth promoting activity of Tridax procumbens. *Fitoterapia* 62:495-8.
- Saraf S, Pathak AK, Dixit VK.(1991): Hair growth promoting activity of Tridax procumbens. Fitoterapia. 62:495-498.
- Semwal, B.C., Agrawal K. K., Singh, K., Tandon, S., Sharma. S.,(2011) :ALOPECIA: SWITCH TO HERBAL MEDICINE. *Journal of Pharmaceutical Research and Opinion* 1: 4 101 – 104.
- Sharma M, Banerjee PS.(2009):Preparation and Evaluation of Mixed Herbal Hair Oil Formulation. Pharmacognosy Journal. 1 (2 ): 154-160
- Sharma, AK., Agarwal, V., kumar, R., Kaushik, K., Bhardwaj, P., Chaurasia H., (2010) Development and evaluation of herbal formulation for hair growth. *Inter J Curr Trends Sci Tech*, 1(3): 147–151
- Shirode, D., Tailang, M., Singhai, A.K., and Singh, A., (2005):Hair growth activity of Hibiscus rosa-sinensis and Glycyrrhiza glabra, *Biosciences, Biotechnology Research Asia*, vol.3(2), p.423-424.

- Sukirti Misra Upadhyay et al., (2011): Effect of ethanolic extract of Hibiscus rosa sinensis L., flowers on hair growth in female wistar rats. Der Pharmacia Lettre, 3 (4) 258-263.
- Suraja, R., Rejithaa G., Anbu Jeba Sunilsona, J., Anandarajagopala,K., Promwichita, P.,(2009) :In vivo hair growth activity of Prunus dulcis seeds in rats. *Biology and Medicine*, Vol 1 (4): 34-38,
- Takahashi T, Kamiya T, Yokoo Y. (1998):Proanthocyanidins from grape seeds promote proliferation of mouse hair follicle cells in vitro and convert hair cycle in vivo, *Acta Derm Venereol*, 78, p.428–32.
- Takahashi T, Kamiya T, Yokoo Y. 1998. Proanthocyanidins from grape seeds promote proliferation of mouse hair follicle cells in vitro and convert hair cycle in vivo. *Acta Derm Venereol* 78:428-32.
- Thorat, R. M., Jadhav, V. M., Kadam, V. J., (2009) Development and evaluation of polyherbal formulations for hair growth-promoting activity. *International Journal of PharmTech Research* Vol.1, No.4, pp 1251-1254,
- Thorat, Rupali., Jadhav, Varsha., Kadam, VilasRao., Sathe, Ninad., Save, Ashwini., Ghorpade, Vikas., (2009) Evaluation of a herbal hair oil in reducing hair fall in human volunteers. *International Journal of Pharma Research and Development* PUB/ARTI/VOL-6/AUG/001
- Uno H, Kurata S. (1993):Chemical agents and peptides affect hair growth. Journal of Investigative Dermatology. 101:143S-147S.
- Vyas, Narendra., Keservani, Raj Kumar., Gavatia, Narayan Prasad., Jain, Sarang., Argal, Ameeta.,(2010) Effect of Tamarindus indica and its polyherbal formulation on radiation induced alopecia. *International Journal of PharmTech Research* Vol.2, No.2, pp 1543-1546,
- Waldon, D.J., Kawabe, T.T., Baker, C.A., 1993. Enhanced in vitro hair growth at the air liquid interface: minoxidil preserves the root sheath in cultured whisker follicles. In vitro Cell Development Biology 29A, 555–561.
- Westgate, G.E., Gibson, E.T., Kealey, T., Philpott, M.P., 1991. Prolonged maintenance of human hair follicles in vitro in a serum free medium. Journal of Investigative Dermatology 96, 1001.

- Yoona, Jung In., Al-Rezaa, Shariff M., Kang, Sun Chul., (2010) Hair growth promoting effect of Zizyphus jujuba essential oil. *Food and Chemical Toxicology* Volume 48, Issue 5, Pages 1350-1354.
- Yoshiyuki Sakai, Jiro Kishimoto, and Marie B. Demay1J (2001). Metabolic and cellular analysis of alopecia in vitamin D receptor knockout mice. *Clin. Invest*. 107:961–966.


Submitted by

**AMJADKHAN ASADKHAN PATHAN**

Registration No. 20114317

Supervised by

**Dr. AKANKSHA N.GARUD**